

CLASSIFIED MESSAGE

TOP SECRET

ORIG :
 UNIT :
 EXT :
 DATE : 05 Aug 1970

TO :
 FROM :
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TO

CITE

CHAIRMAN, ICRS/COMIREX

SUBJECT: MISSION 1111-1 QUALITY REPORT

8988

1. ALL CAMERAS OPERATED SATISFACTORILY THROUGHOUT MISSION. OVERALL IMAGE QUALITY FORWARD AND AFT RECORDS GOOD. UNLIKE MISSIONS 1109 AND 1110, MOST 1111-1 IMAGERY RETAINS SHARPNESS AT MAGNIFICATIONS TO 50X.
2. INDEX AND STELLAR CAMERAS OPERATIONAL THROUGHOUT MISSION. HOWEVER, ONE-INCH-WIDE BAND NEAR FORMAT CENTER OF INDEX RECORD DEGRADED BY SERIES INTERMITTENT PLUS DENSITY LINES. THIS ANOMALY SIMILAR TO BUT LESS SEVERE THAN THAT EXPERIENCED ON MISSION 1110.
3. INTERPRETABILITY RANGES POOR TO GOOD WITH LARGE PORTION IN FAIR TO GOOD CATEGORY. VARIABILITY GENERALLY ATTRIBUTABLE TO ACQUISITION ALTITUDE (88 TO 150NM) AND WEATHER.
4. THIS MISSION WAS FIRST TO UTILIZE 0.007 INCH GLASS FILTER IN ADDITION TO NORMAL GELATIN. THIS FILTER PERMITTED INFLIGHT FOCUS CHANGE.

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INFO

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STUDY OF PHOTOGRAPHY ACQUIRED THROUGH FILTER CONDUCTED TO DETERMINE THE BETTER FILTER FOR 1111-2. STUDY CONSISTED OF NORMAL SUBJECTIVE REVIEW PLUS VISUAL EDGE MATCHING EVALUATION. IMAGERY ACQUIRED THROUGH GELATIN FILTER JUDGED SUPERIOR, THEREFORE, GELATIN FILTER RECOMMENDED FOR 1111-2.

5. MISSION 1111-1 APPROXIMATELY 73 PERCENT CLOUD-FREE.

END OF MESSAGE

COORDINATING OFFICERS

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